FIG.1

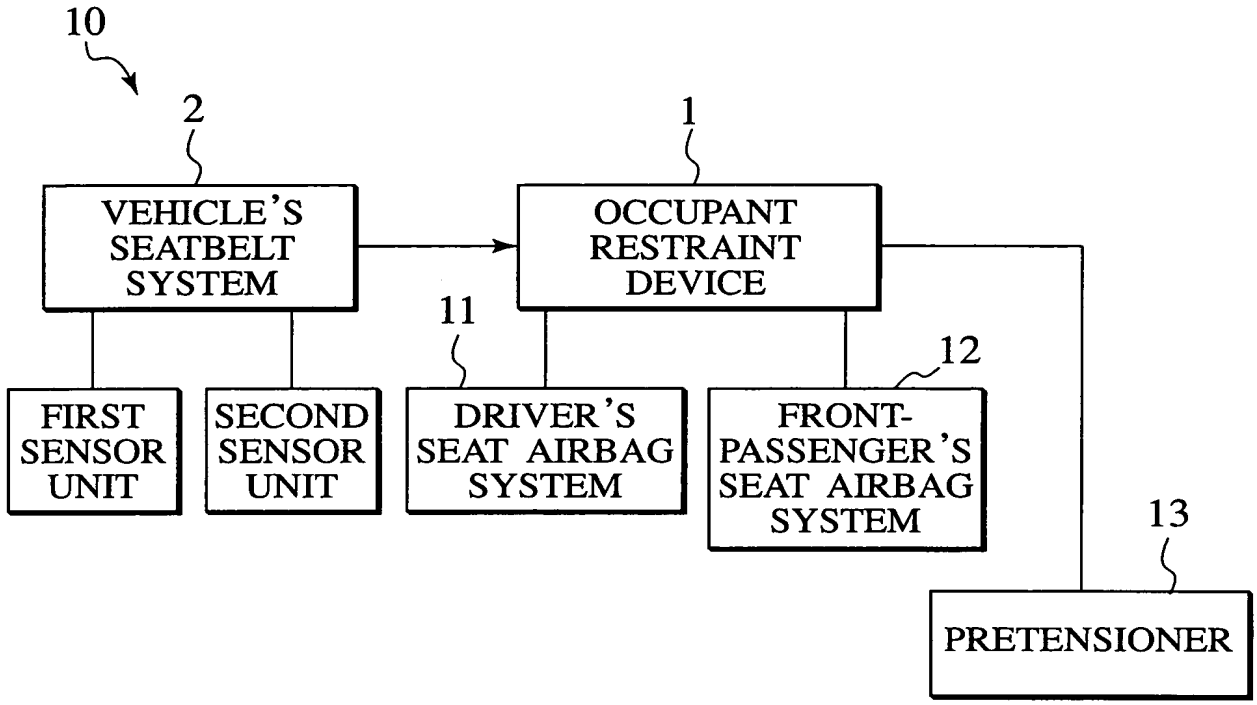

10
2
1
VEHICLE'S SEATBELT SYSTEM
OCCUPANT RESTRAINT DEVICE
11
12
FIRST SENSOR UNIT
SECOND SENSOR UNIT
DRIVER'S SEAT AIRBAG SYSTEM
FRONT-PASSENGER'S SEAT AIRBAG SYSTEM
13
PRETENSIONER

FIG.2

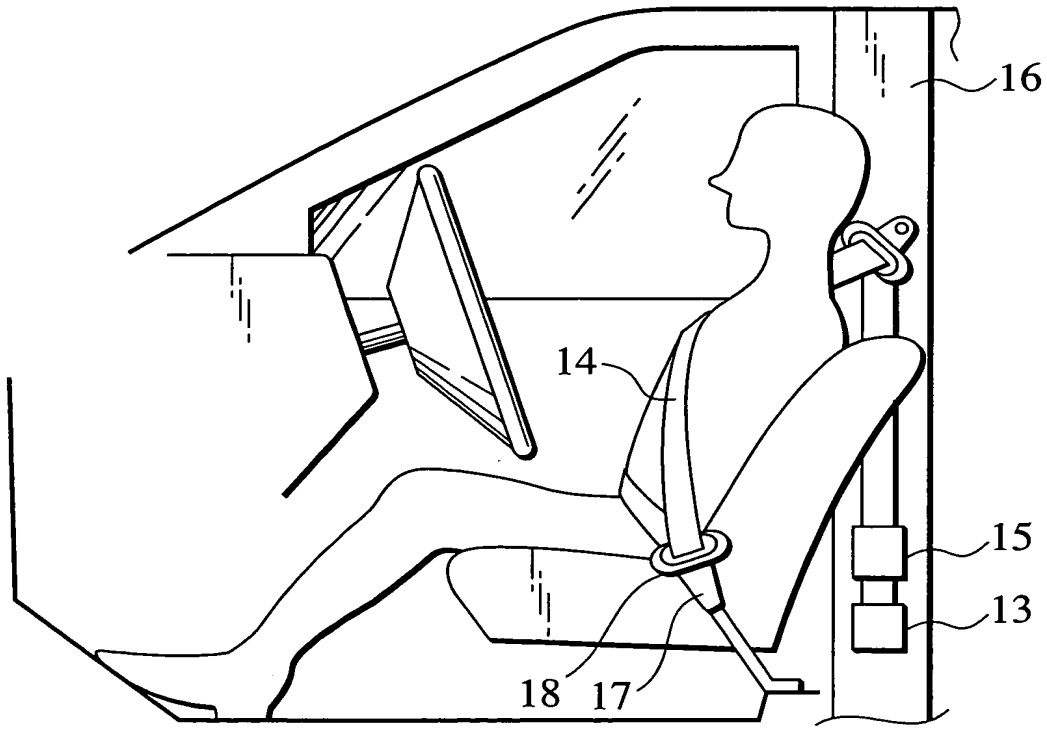

16
14
15
13
18
17

FIG.3

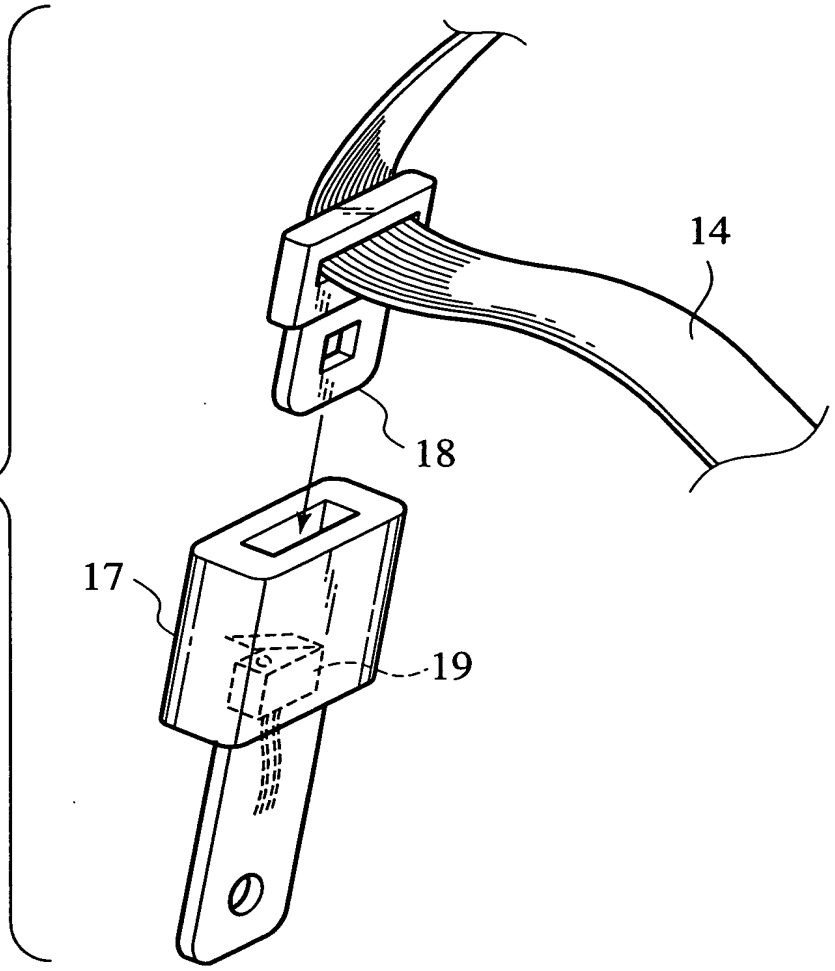


FIG.4

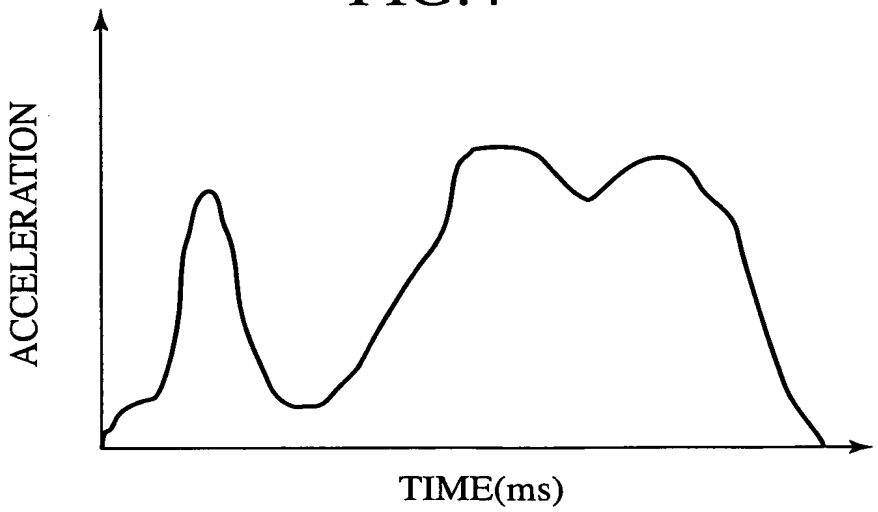


FIG.5

STOPPING MODE

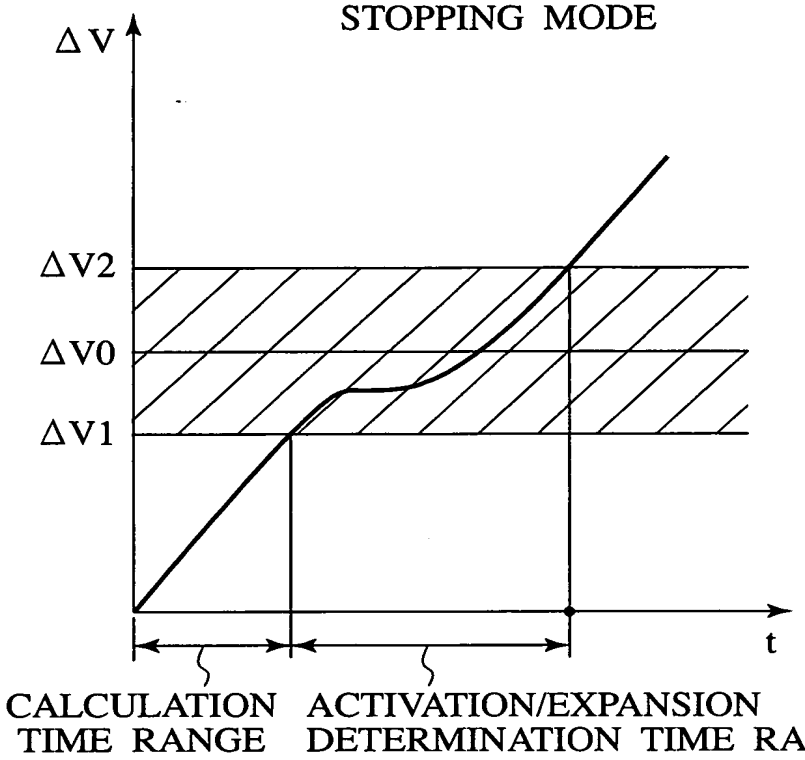


FIG.6

OPERATING MODE

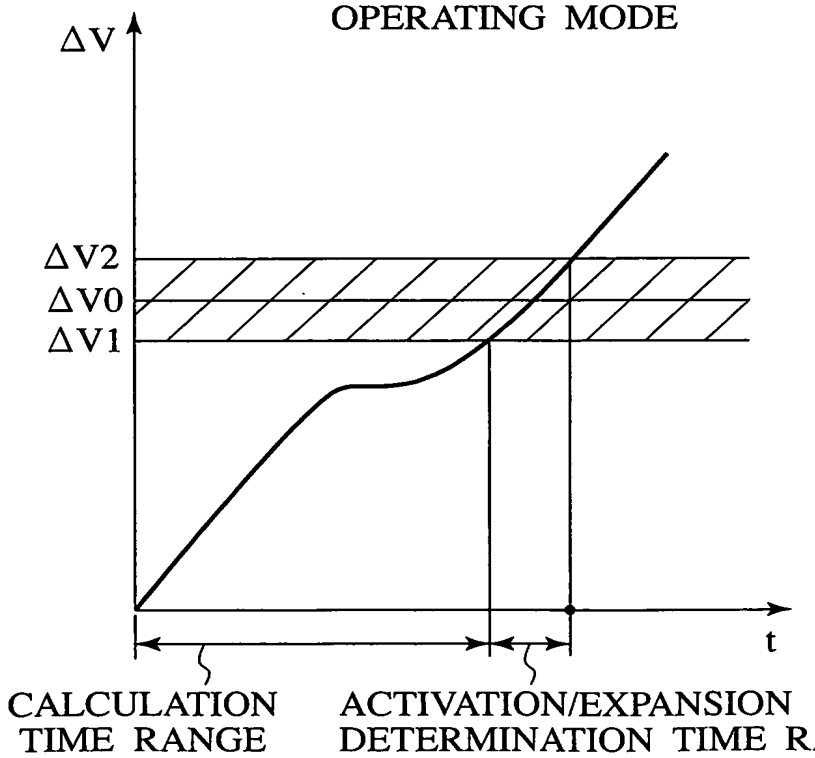


FIG.7

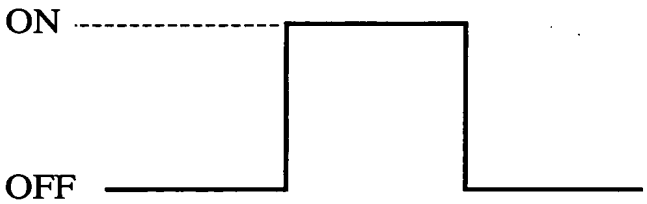

ON
OFF

FIG.8

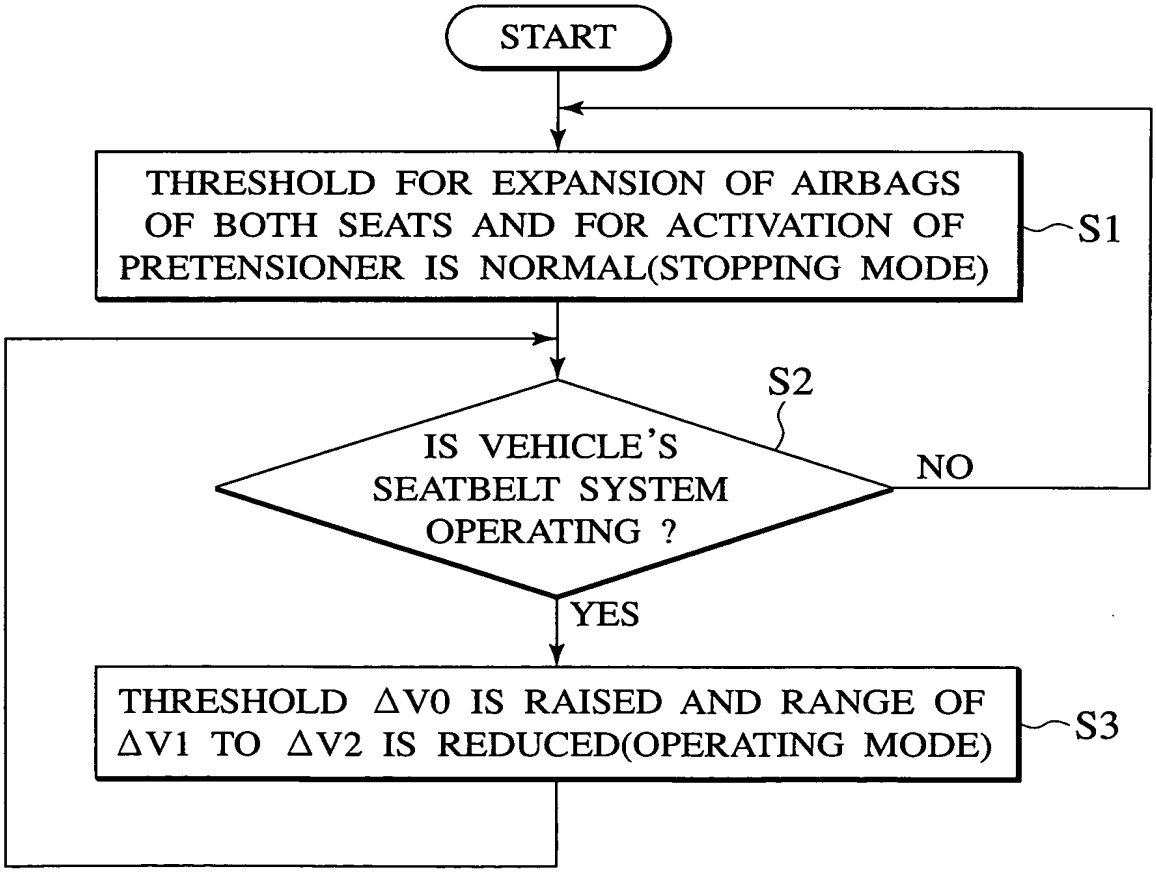

START
THRESHOLD FOR EXPANSION OF AIRBAGS OF BOTH SEATS AND FOR ACTIVATION OF PRETENSIONER IS NORMAL(STOPPING MODE)
S1
S2
IS VEHICLE'S SEATBELT SYSTEM OPERATING ?
NO
YES
THRESHOLD ΔV0 IS RAISED AND RANGE OF ΔV1 TO ΔV2 IS REDUCED(OPERATING MODE)
S3

FIG.9

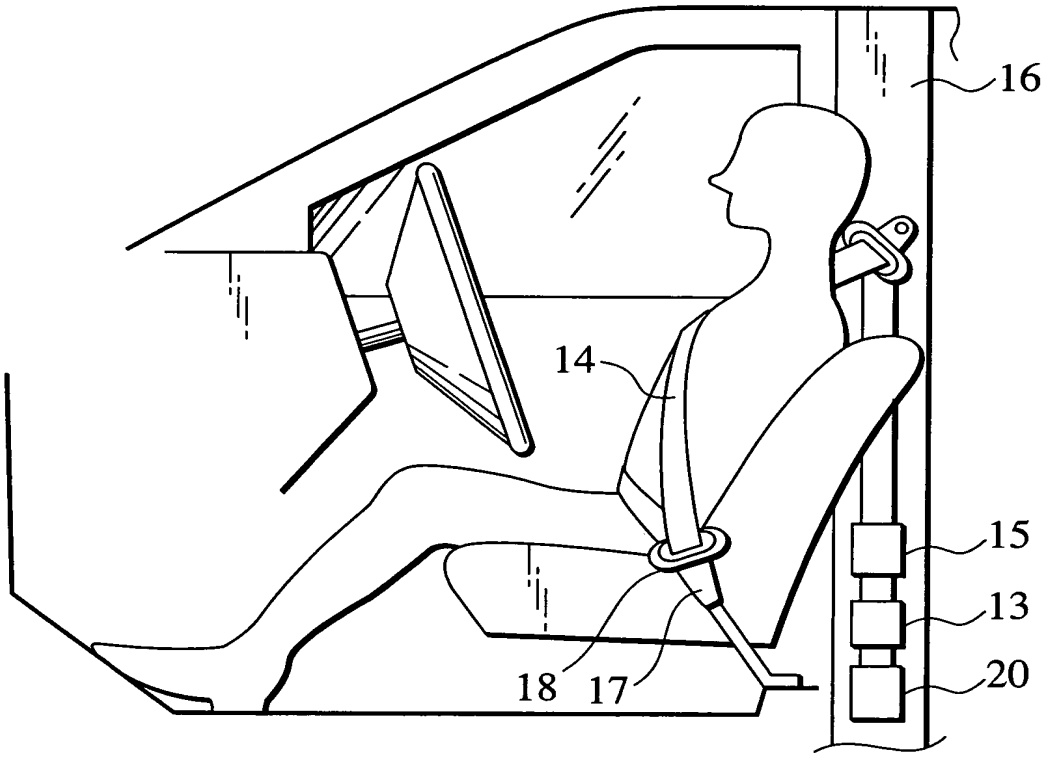
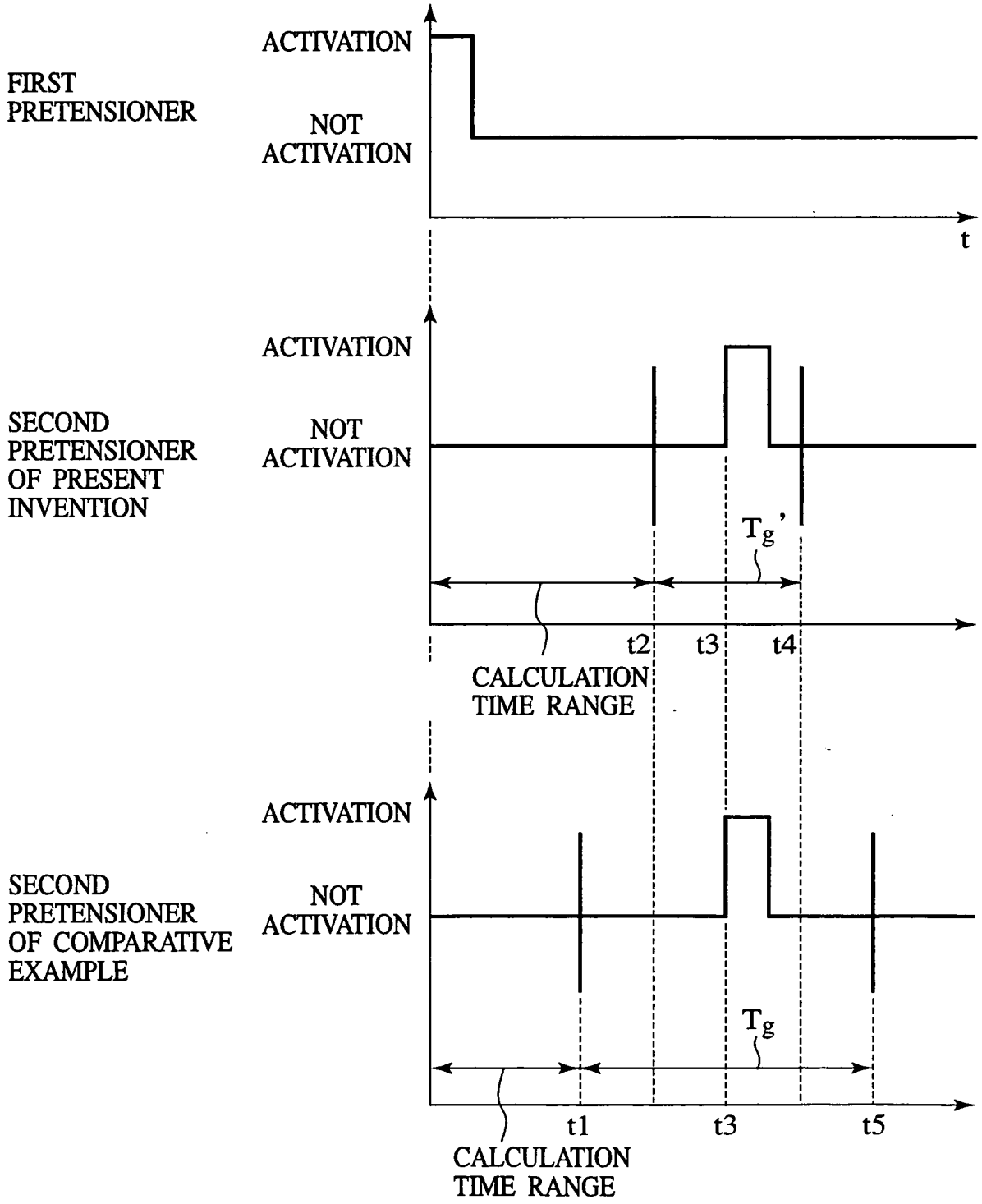


FIG.10


FIRST PRETENSIONER
ACTIVATION
NOT ACTIVATION
t
SECOND PRETENSIONER OF PRESENT INVENTION
ACTIVATION
NOT ACTIVATION
Tg'
t2
t3
t4
CALCULATION TIME RANGE
SECOND PRETENSIONER OF COMPARATIVE EXAMPLE
ACTIVATION
NOT ACTIVATION
Tg
t1
t3
t5
CALCULATION TIME RANGE